

REMARKS

As a preliminary matter, Applicants appreciate the Examiner's allowance of claims 6, 13 and 23.

Claims 1-5, 7-12, 14-22 and 24 stand rejected under 35 U.S.C. 103(a) being unpatentable over Mizokami et al. (U.S. Patent No. 5,523,991) in view Okazaki (U.S. Patent No. 5,838,512). In response, Applicants amended the claims to clarify that an amplitude of a head reproducing signal is corrected to an amplitude value of an original timing signal point, on the basis of phase information of two or more known revise bytes positioned on both sides of data, and estimated phase errors of signal points of data, and respectfully traverse.

In Okazaki, a phase synchronization clock signal is generated to reproduce servo data. (See the Abstract). Okazaki further discloses generation of the phase-synchronized clock signal by using a single preamble for reproducing servo data, but does not teach or suggest data phase adjustment among two or more preambles. Okazaki further fails to teach or suggest correction of an amplitude of a head reproducing signal, as now recited in the amended claims.


Mizokami discloses reproduction of data by correcting the bit length variation by means of a RESYNC pattern. In Mizokami, there is provided a RESYNC pattern in data for correction of a change in the bit length, thereby conducting data reproduction. Mizokami does not teach or suggest data phase adjustment among two or more preambles, or correction of a head reproducing signal, as now recited in the amended claims. Accordingly, even if

combined, Okazaki and Mizokami fail to disclose or suggest a feature of the present invention in which, on the basis of phase information of two or more known revise bytes positioned on both sides of data, phase errors of signal points of data existing among points of data are estimated, thereby correcting the amplitude into an amplitude value of the original timing signal point. For this reason, withdrawal of the §103 rejection is respectfully requested.

For all of the foregoing reasons, Applicants submit that this Application is in condition for allowance, which is respectfully requested. The Examiner is invited to contact the undersigned attorney if an interview would expedite prosecution.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By 
Joseph P. Fox
Registration No. 41,760

September 28, 2005

300 South Wacker Drive - Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315
Customer Number 24978